

Progress in Mathematics Grade 4

Student Textbook Hardcover

Contract Price

\$57.00

Teacher Edition

9780821582145 \$126.00

Progress in Mathematics Grd 4 ATE

9780821582343 \$20.94

Progress in Mathematics Grd 4 Twk

Grade

4

TYPE

P1

Essential Items

Ancillary Items

9780821583142 \$147.00

Progress in Mathematics Grd 4 Additional Practice Test Generator

9780821583432 \$249.00

Progress in Mathematics Grd 4 Classroom Manipulative Kit

9780821582640 Nimas \$49.50

Progress in Mathematics Grd 4 Test Booklet 10 Pack

9780821582244 Nimas \$9.99

Progress in Mathematics Grd 4 Workbook

Copyright

2009

Author

Posamentier et al

Edition

First

Content

Mathematics

Readability

3

Accessibility

Nimas

Researchwww.sadlier-oxford.
com

Free with Purchase items

9780821581346 Critical Thinking for Active Math Minds Grd 4 \$14.20

Per each Student Sourcebook Purchased

9780821582244 Student Workbook Grade 4 \$9.99

Per each Student Textbook Purchased

Evaluation Tool for Basal Instructional Materials
Mathematics (2009 – 2015)

Provided by the Publisher	ISBN	9780821582046	Publisher -	William H. Sadlier, Inc.	
	Progress in Mathematics Grade 4				
	Type - P1	Author - Posamentier et al			
	Copyright - 2009	Edition - First	Readability -	3	
	Course - Mathematics		Grade(s) -	4	
	Teacher Edition ISBN if applicable.....				9780821582145

Overall Recommendation:

Recommended as BASAL

Overall Strengths, Weaknesses, Comments:

if this box is not checked, the evaluators have
chosen NOT recommend as basal

This source could be used as a basal; however, additional resources may be needed to make this a successful classroom tool.

NIMAC Accessibility N
Ancillary Yes
Free with Purchase Yes
Research Yes www.sadlier-oxford.com
Student Textbook Hardcover

CRITERIA

This basal resource ...

A. Encompasses KY Content Standards & Grade Level Expectations Strong Evidence

Text is designed to be used in an elective course outside the Program of Studies

1) Includes the 5 Big Ideas of mathematics to the following extent:

- | | |
|-------------------------------------------------|-------------------|
| a) Number Properties and Operations | Strong Evidence |
| b) Measurement | Strong Evidence |
| c) Geometry | Strong Evidence |
| d) Data Analysis and Probability | Moderate Evidence |
| e) Algebraic Thinking | Strong Evidence |

2) Addresses content-specific enduring understandings from the related Program of Studies standards. Strong Evidence

3) Addresses content-specific skills and concepts from the related Program of Studies standards. Strong Evidence

4) Content addressed is current, relevant and non-trivial Strong Evidence

5) Provides opportunities for critical thinking/reasoning Strong Evidence

6) Strengths, Weaknesses, Comments:

- Specific strengths-which areas/concepts are covered exceptionally well?
- Specific weaknesses-which areas/concepts would likely require supplementing?

Strengths: Number properties and operations and algebraic thinking are addressed well within this selection.

Weaknesses: The text has limited use of graphs and data analysis tools within each concept area.

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B. Functionality & Suitability	Strong Evidence
1) Suitability <ul style="list-style-type: none"> Should be suitable for use with a diverse population and is free of bias regarding race, age, ethnicity, gender, religion, social and/or geographic environment; is free of stereotyping or bias of any kind. 	Strong Evidence
2) Content quality <ul style="list-style-type: none"> Free from factual errors Content is presented conceptually when possible—more than a mere collection of facts Content included accurately represents the knowledge base of the discipline Theories/scientific models contained represent a broad consensus of the scientific community Interconnections among mathematical topics 	Moderate Evidence
3) Connections to Literacy <ul style="list-style-type: none"> Employs a variety of reading levels and is grade/level appropriate Use of multiple representations-concrete, visual/spatial, graphs, charts, etc. Provides opportunities for summarizing, reviewing, and reinforcing vocabulary skills and concepts at multiple levels of difficulty for a variety of learning styles. Student text provides opportunity to integrate reading and writing Uses vocabulary that is age and content appropriate Focuses on critical vocabulary vs. extensive lists Identifies key vocabulary through definitions in both text and glossary The text is engaging and facilitates learning Embedded activities enhance the understanding of the text <p><i>Note: may apply to either student or teacher editions</i></p>	Strong Evidence
4) Connections to Technology <ul style="list-style-type: none"> Integrates technology and reflects the impact of technological advances Uses technology in the collection and/or manipulation of authentic data Embeds web links as a mathematics resource. 	Strong Evidence
5) Support for Diverse Learners <ul style="list-style-type: none"> Provides support for ESL students Provides support for differentiation of instruction in diverse classrooms Challenge for gifted and talented students Support for students with learning difficulties <p><i>Note: may apply to either student or teacher editions</i></p>	Strong Evidence
6) Strengths, Weaknesses, Comments: <ul style="list-style-type: none"> Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards. <p>Strengths: Text is very student friendly with larger print and colorful presentations of ideas. It is also focused upon specialized vocabulary that is appropriate according to KY's Program of Studies.</p> <p>Weaknesses: Interconnections between mathematical topics are not strong.</p>	
C. Supports Inquiry and Skill Development	Moderate Evidence
1) Promotes Inquiry, research and Application of Learning <ul style="list-style-type: none"> Provides opportunities for inquiry and research that includes activities such as gathering information, researching resources, observing, interviewing, and evaluating information, analyzing and synthesizing data and communicating findings and conclusions, formulating authentic questions to deepen and extend mathematical reasoning. 	Moderate Evidence

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- Requires students to use higher-level cognitive skills (analysis, synthesis, evaluation, generalizing, justifying, etc.)
- Provides activities and projects for students to deepen their knowledge and cultivate and strengthen problem-solving and decision-making skills.
- Provides opportunities for application of learned concepts.
- Uses a variety of relevant charts, graphs, diagrams, number lines, and other illustrations to invite and motivate students to engage in discussion, problem solving, and other high-order thinking skills.
- Emphasizes conceptual understandings that invite students to predict, conclude, evaluate, develop and extend ideas to support reasoning.

Note: may apply to either teacher or student edition

2) Skill Development

Moderate Evidence

- Provides opportunities to make sense of all mathematics
- Provides opportunities to recognize, create, and extend patterns.
- Provides opportunities for critical thinking and reasoning.
- Provides opportunities to justify/prove responses.
- Provides opportunities to ask deeper questions.
- Contains embedded activities (or extensions) that emphasize use of technology for problem solving

Note: may apply to either teacher or student edition

3) Strengths, Weaknesses, Comments:

Lacks opportunities for student involvement and real world experiences. Again, higher order thinking skills activities are limited.

D. Supports Best Practices of Teaching and Learning

Moderate Evidence

1) Engages Students

Strong Evidence

- Includes content geared to the needs, interests, and abilities of all students
- Engages and motivates students using components such as real-life situations, simulations, experiments, and data gathering.
- Includes information and activities that assist students in seeing relevance of concepts (where appropriate) to their own lives and experiences
- Provides a variety of strategies, activities, and materials to enhance student learning at the appropriate learning levels
- Activities are truly congruent to the concepts addressed, not merely correlated

Note: may apply to either teacher or student edition

2) Uses Assessment to Inform Instruction

Moderate Evidence

- Includes multiple means of assessment as an integral part of instruction
- Provides evaluation measures in the teacher edition that supports differentiated learning activities
- Embedded assessments reflect a variety of Depth of Knowledge levels

Note: may apply to either teacher or student edition

3) Strengths, Weaknesses, Comments:

- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards

Many assessment opportunities are provided but these all tend to be paper/pencil type activities and engagement of students in other approaches are limited.

E. Has an Organization/ Format that Supports Learning and Teaching

Moderate Evidence

1) Organizational Quality

Moderate Evidence

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- Print and/or electronic materials present minimal barriers to learners, but also add encouragement for students to stretch and make further explorations.
- Presents chapters/lessons in an organized and logical sequence
- Provides clearly stated objectives for each lesson.
- Uses text features (e.g., titles, headings, subheadings, review questions, goals, objectives, space, print, type size, color) to enhance readability.
- Makes use of various forms of media (e.g., CD's, recordings, videos, cassette tapes, computer software, web-based components, interactive software, calculators, physical and virtual manipulatives) as either student or teacher resources
- Includes clear, accurate, appropriate and clearly explained illustrations and/or graphics that reinforce content standards.
- Incorporates a glossary, footnotes, recordings, pictures, and/or tests that aid pupils and teachers in using the book effectively
- Uses grade-appropriate type size
- Included media are durable, easy to use and have technical merit
- Construction appears to be durable and able to withstand normal use

2) Essential Components (beyond student and teacher text)	Moderate Evidence
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- Items identified as essential components support the learning goals and concept coverage of the basal

3) Strengths, Weaknesses, Comments:

- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.

No essential components were available other than the student and teacher texts.

F. Has available Ancillary/ Gratis Materials

*Note: The decision whether to recommend or not recommend this resource as **Moderate Evidence** a basal should not be influenced by Section F*

1) Ancillary/Gratis Materials

- Coordinates teacher resources easily with student material (e.g., accompaniments included, student pages shown, instructional technology indicated).
- Are well-organized and easy to use
- Provide substantive learning opportunities and are congruent with student learning goals
- Provide opportunities for high-level thinking, assessment, and/or problem solving
- Provides opportunities for intervention.

2) Strengths, Weaknesses, Comments:

- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.

[Click here to enter text.](#)
